

Drying temperature affects rice seed vigor via gibberellin, abscisic acid, and antioxidant enzyme metabolism^{*#}

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Table S1 Effects of drying temperature on seed germination energy (GE), germination percentage (GP), germination index (GI) and vigor index (VI) of rice stored for 10 months

Seed lot	IMC (%)	Drying temperature (°C)	GP (%)	GE (%)	GI	VI
1	19.7	42	92.50 ± 4.26a	75.00 ± 4.25ab	21.15 ± 1.49a	4.21 ± 0.45b
2	19.8	45	89.25 ± 3.27a	71.25 ± 2.41c	19.07 ± 1.23b	3.77 ± 0.25c
3	19.3	52	76.75 ± 3.53b	41.00 ± 6.23f	15.43 ± 1.59d	2.21 ± 0.33d
4	19.9	60	55.00 ± 6.17d	34.50 ± 3.47g	10.37 ± 1.83f	1.51 ± 0.37g
5	24.9	38	89.50 ± 5.42a	74.00 ± 4.82c	21.35 ± 1.14a	4.16 ± 0.55a
6	25.0	42	90.25 ± 4.27a	76.50 ± 3.35c	21.73 ± 2.47b	4.11 ± 0.32c
7	25.0	45	73.25 ± 6.71b	64.75 ± 4.59d	18.51 ± 1.33c	3.57 ± 0.30d
8	25.0	52	54.00 ± 7.24d	30.25 ± 3.31g	12.37 ± 1.24e	1.92 ± 0.18f
9	29.8	36	92.50 ± 3.81a	83.50 ± 5.36a	21.93 ± 1.53a	4.57 ± 0.30a
10	29.9	38	91.75 ± 2.43a	77.25 ± 4.18b	20.24 ± 2.04b	4.30 ± 0.21b
11	30.2	42	83.75 ± 7.05b	61.00 ± 5.51d	19.01 ± 1.47c	3.27 ± 0.33d
12	30.0	45	67.00 ± 6.31c	42.00 ± 5.26e	15.24 ± 1.66d	2.13 ± 0.24e

IMC, initial moisture content. Values are means of three replicates. Values followed by a different letter within a column are significantly different at the 0.05 probability level